

# STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

## FIELD AUDIT

Unless otherwise noted, all code references are to 49CFR Part 192.  
If an item is marked Unsatisfactory, Not Applicable, or Not Checked, an explanation must be included in this report.

|   |                     |
|---|---------------------|
| <b>Operator: AMEREN ILLINOIS COMPANY</b>  | Operator ID#: 32513 |
| <b>Inspection Date(s): 2/10/2015, 2/11/2015</b>   | Man Days: 2         |
| <b>Inspection Unit: Tuscola</b>   |                     |
| <b>Location of Audit: Philo, Sidney, Pesotum, Villa Grove, Tolono, Longview, Sidney, Tuscola, Atwood, Bourbon</b> |                     |
| <b>Exit Meeting Contact:</b>  |                     |
| <b>Inspection Type: Standard Inspection - Field Audit</b>   |                     |
| <b>Pipeline Safety Representative(s): Aaron McElravy</b>  |                     |
| <b>Company Representative to Receive Report: Michael Fuller</b>   |                     |
| <b>Company Representative's Email Address: mfuller2@ameren.com</b>  |                     |

|  |  |                  |
|--|--|------------------|
| <b>Headquarters Address Information:</b> | 300 Liberty<br>Peoria, IL 61602<br>Emergency Phone#: (800) 755-5000<br>Fax#: |                  |
| <b>Official or Mayor's Name:</b>         | Ron Pate<br>Phone#: (217) 424-6518<br>Email:                                 |                  |
| <b>Inspection Contact(s)</b>             | <b>Title</b>   | <b>Phone No.</b> |
| Dallas Jett                              | Superintendent Quality Assurance   | (217) 556-2605   |

| CUSTOMER METER & REGULATOR   | Status |
|--|--------|
| <b><u>Category Comment:</u></b><br><i>Customer meters were inspected at the following locations for protection from damage, venting requirements, stress, meter case ratings and valve requirements.</i><br>Tuscola<br>303 Holiday Meter #2095586<br>300 N. Central Meter #20920699<br>302 N. Central Meter #01B571181<br>807 S. Barker Meter #01B571199<br>Trailer #37 Barker Meter #20723436<br>Trailer #39 Barker Meter #00313954<br>201 E. Daggy Meter #20530769<br>209 E. Daggy Meter #99Z839888<br>211 E. Daggy Meter #240829<br>Arthur<br>825 E. Columbus Meter #21413741<br>421 E. & 200 N Meter #21413791<br>447 E. & 200 N Meter #20827111<br>455 E. & 200 N Meter #20826773<br>457 E. & 200 N Meter #21413756 |        |

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|                 |  |                     |
|-----------------|--|---------------------|
| [192.353(a)]    | Is the customer meter and regulator installed in a readily accessible location and protected from corrosion and other damage, including if installed outside a building, vehicular damage that may be anticipated? | <b>Satisfactory</b> |
| [192.355(b)(1)] | Is the customer regulator vent rain and insect resistant?  | <b>Satisfactory</b> |
| [192.355(b)(2)] | Is the customer regulator vent located where gas from the vent escapes freely into the atmosphere and away from building openings?   | <b>Satisfactory</b> |
| [192.355(b)(3)] | Is the vent protected from damage caused by submergence in areas of flooding?  | <b>Satisfactory</b> |
| [192.357(a)]    | Is the customer meter and regulator installed to minimize anticipated stresses upon connecting piping?   | <b>Satisfactory</b> |
| [192.357(d)]    | Is a customer regulator that might release gas vented to the outside atmosphere?   | <b>Satisfactory</b> |
| [192.359(a)]    | Is the meter operating pressure within the allowable limits of the meter case rating?  | <b>Satisfactory</b> |
| [192.365(a)]    | Is the service line valve upstream of the regulator or meter?  | <b>Satisfactory</b> |
| [192.365(c)]    | Is the underground service line valve located in a curb box or standpipe that allows for ready operation?  | <b>Satisfactory</b> |

**General Comment:**

Staff inspected an underground service line valve located at 409 S. Prairie Street in Tuscola. This valve is utilized for isolation of the East Prairie Middle School.

|                          |   |                     |
|--------------------------|---|---------------------|
| [192.727(d)][192.727(d)] | When service to the customer has been discontinued has the proper method been utilized to prevent unauthorized usage? | <b>Satisfactory</b> |
|--------------------------|---|---------------------|

**General Comment:**

Staff verified a locking device was used to prevent unauthorized usage at 103 N. Main in Atwood, IL.

| <b>CATHODIC PROTECTION</b> |   | <b>Status</b>       |
|----------------------------|---|---------------------|
| [192.463(a)]               | Is the applicable cathodic protection criteria contained in Appendix D of this part being followed? | <b>Satisfactory</b> |

**General Comment:**

All facilities listed were inspected for adequate cathodic protection levels.

|              |                                   |                     |
|--------------|-----------------------------------|---------------------|
| [192.465(a)] | Were pipe to soil readings taken? | <b>Satisfactory</b> |
|--------------|-----------------------------------|---------------------|

**General Comment:**

Pipe to soil readings were obtained from the following locations during the field audit.

| Location                                | Pipe to Soil Reading |
|---|----------------------|
| 300 N. Central Tuscola Meter # 20920699 | -1.258volts          |
| 302 N. Central Tuscola Meter #01B571181 | -1.222volts          |
| 807 E. Barker Tuscola Meter #01B571199  | -1.35volts           |
| #37 Barker Tuscola Meter #20723436      | -1.31volts           |
| #39 Barker Tuscola Meter #00313954      | -1.33volts           |
| 209 Daggy Tuscola Meter #99Z839888      | -1.272volts          |
| 211 Daggy Tuscola Meter #240829         | -1.275volts          |

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| [192.465(b)]  | Were rectifier installations inspected?   | Satisfactory   |                     |          |                      |                                       |                      |                                    |            |                                    |
|---|---|----------------|---------------------|----------|----------------------|---------------------------------------|----------------------|------------------------------------|------------|------------------------------------|
| <b>General Comment:</b><br><i>The Tuscola inspection unit has one rectifier located in Sidney, IL Test Point ID T-074-002-R, Staff observed the corrosion tech inspect and obtain readings during the field audit. The following readings were observed 1.1 amps / 5.25volts.</i>   |   |                |                     |          |                      |                                       |                      |                                    |            |                                    |
| [192.465(a)]  | Were isolated mains/services tested?  | Satisfactory   |                     |          |                      |                                       |                      |                                    |            |                                    |
| <b>General Comment:</b><br><i>Staff observed a reading of -1.421volts obtained on an isolated 2 inch service located at 401 S. Center Street in Tuscola, IL. Test Point ID TU-SP184600721</i>   |   |                |                     |          |                      |                                       |                      |                                    |            |                                    |
| [192.465(c)]  | Were critical/non critical bonds tested?  | Not Applicable |                     |          |                      |                                       |                      |                                    |            |                                    |
| <b>General Comment:</b><br><i>Ameren's Tuscola inspection unit does not contain critical or non-critical bonds.</i>   |   |                |                     |          |                      |                                       |                      |                                    |            |                                    |
| [192.467(a)]  | Is electrical isolation provided by use of insulated meter spud, valve, union, or flange? | Satisfactory   |                     |          |                      |                                       |                      |                                    |            |                                    |
| <b>General Comment:</b><br><i>Staff observed Isolation devices on the listed facilities inspected during this audit which included insulated meter components and isolation flanges.</i>  |   |                |                     |          |                      |                                       |                      |                                    |            |                                    |
| [192.467(c)]  | Were casings installations tested for electrical isolation?                               | Satisfactory   |                     |          |                      |                                       |                      |                                    |            |                                    |
| <b>General Comment:</b><br><i>Staff observed cathodic protection readings obtained on casings during the field audit.</i>   |   |                |                     |          |                      |                                       |                      |                                    |            |                                    |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 50%;">Test Point Location</th><th style="width: 50%;">Reading</th></tr> </thead> <tbody> <tr> <td>T-002-002-CS Tuscola</td><td>Casing -1.097volts / Pipe -1.258volts</td></tr> <tr> <td>T-002-001-CS Tuscola</td><td>Casing -0.988volts</td></tr> </tbody> </table>   |   |                | Test Point Location | Reading  | T-002-002-CS Tuscola | Casing -1.097volts / Pipe -1.258volts | T-002-001-CS Tuscola | Casing -0.988volts                 |            |                                    |
| Test Point Location   | Reading   |                |                     |          |                      |                                       |                      |                                    |            |                                    |
| T-002-002-CS Tuscola  | Casing -1.097volts / Pipe -1.258volts   |                |                     |          |                      |                                       |                      |                                    |            |                                    |
| T-002-001-CS Tuscola  | Casing -0.988volts  |                |                     |          |                      |                                       |                      |                                    |            |                                    |
| [192.479(a)]  | Is the above ground piping coated or painted as required?                                 | Satisfactory   |                     |          |                      |                                       |                      |                                    |            |                                    |
| <b>General Comment:</b><br><i>All facilities listed were inspected for adequate coatings to prevent atmospheric corrosion.</i>  |   |                |                     |          |                      |                                       |                      |                                    |            |                                    |
| [192.479(c)]  | Is the pipeline free of corrosion or pitting?   | Satisfactory   |                     |          |                      |                                       |                      |                                    |            |                                    |
| <b>General Comment:</b><br><i>All facilities listed were free of corrosion or pitting.</i>  |   |                |                     |          |                      |                                       |                      |                                    |            |                                    |
| <b>DAMAGE PREVENTION</b>  |   | <b>Status</b>  |                     |          |                      |                                       |                      |                                    |            |                                    |
| [192.614]   | Does the operator have a valid notification of planned excavation activities?             | Satisfactory   |                     |          |                      |                                       |                      |                                    |            |                                    |
| <b>General Comment:</b><br><i>Staff observed a post audit for the location of facilities at the following locations during the field audit.</i>   |   |                |                     |          |                      |                                       |                      |                                    |            |                                    |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Locate #</th><th style="width: 80%;">Location</th></tr> </thead> <tbody> <tr> <td>A000340251</td><td>230 County Road 425 E. Bourbon, IL</td></tr> <tr> <td>X000360530</td><td>284 County Road 425 E. Bourbon, IL</td></tr> <tr> <td>X000360533</td><td>276 County Road 425 E. Bourbon, IL</td></tr> </tbody> </table> |   |                | Locate #            | Location | A000340251           | 230 County Road 425 E. Bourbon, IL    | X000360530           | 284 County Road 425 E. Bourbon, IL | X000360533 | 276 County Road 425 E. Bourbon, IL |
| Locate #  | Location  |                |                     |          |                      |                                       |                      |                                    |            |                                    |
| A000340251  | 230 County Road 425 E. Bourbon, IL  |                |                     |          |                      |                                       |                      |                                    |            |                                    |
| X000360530  | 284 County Road 425 E. Bourbon, IL  |                |                     |          |                      |                                       |                      |                                    |            |                                    |
| X000360533  | 276 County Road 425 E. Bourbon, IL  |                |                     |          |                      |                                       |                      |                                    |            |                                    |

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| [265.40(a)]  | Did the operator complete the locating activities in the specified timeframe?  | <b>Satisfactory</b> |             |                |                  |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
|--|--|---------------------|-------------|----------------|------------------|-------------|----------------|------------------|--------|-------|---------|--------|---------|--------|--------|--------|---------|--------|-----------|----------|--------|---------|---------|--------|--------|----------|--------|-------------|---------|--------|----------|----------|-------|--------|---------|---------|---------|---------|--------|--------|---------|--------|-----------|----------|--------|----------|---------|--------|---------|----------|
| [192.614(c)(5)]  | Were temporary markings made in accordance with the operator's Operation and Maintenance Manual?   | <b>Satisfactory</b> |             |                |                  |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| [192.707(a)(1)]  | Are line markers placed and maintained as close as practical over each buried main and transmission line located at each crossing of a public road and railroad?   | <b>Satisfactory</b> |             |                |                  |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| <b>General Comment:</b><br><br><i>Line Markers were observed at various location during the field audit for placement requirements, Staff inspected the following line markers for the required markings and the operator's information at the following locations.</i><br><br>320 N. & 600 E. Arcola<br>300 N. & 550 E. Arcola<br>325 N. & 550 E. Arcola  |  |                     |             |                |                  |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| [192.707(a)(2)]  | Are line markers placed and maintained as close as practical over each buried main and transmission line located wherever necessary to identify the location of the transmission line or main to reduce the possibility of damage or interference?   | <b>Satisfactory</b> |             |                |                  |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| [192.707(c)]   | Are line markers placed and maintained as close as practical over each main and transmission line located above ground?  | <b>Satisfactory</b> |             |                |                  |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| [192.707(d)(1)]  | Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The word "Warning," "Caution," or "Danger" followed by the words "Gas (or name of gas transported) Pipeline" all of which, except for markers in heavily developed urban areas, must be in letters at least 1 inch (25 millimeters) high with ¼ inch (6.4 millimeters) stroke? | <b>Satisfactory</b> |             |                |                  |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| [192.707(d)(2)]  | Do the operator's line markers contain the following information: The following must be written legibly on a background of sharply contrasting color on each line marker: The name and phone number (including area code) of the operator where the operator can be reached at all times?  | <b>Satisfactory</b> |             |                |                  |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| <b>PRESSURE LIMITING AND REGULATING DEVICES (MECHANICAL)</b>   |  | <b>Status</b>       |             |                |                  |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| <b>Category Comment:</b><br><br><i>Staff inspected the following pressure limiting and regulating devices during the field audit for proper installation, protection from damage, set pressures, supports, venting requirements and isolation to prevent unauthorized operation of a stop valve.</i>   |  |                     |             |                |                  |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="text-align: left;">Station ID</th><th style="text-align: left;">Location</th><th style="text-align: left;">Inlet MAOP</th><th style="text-align: left;">Outlet MAOP</th><th style="text-align: left;">Inlet Pressure</th><th style="text-align: left;">Outlet Pressures</th></tr> </thead> <tbody> <tr> <td>XT-033</td><td>Philo</td><td>300psig</td><td>44psig</td><td>267psig</td><td>39psig</td></tr> <tr> <td>XT-035</td><td>Sidney</td><td>300psig</td><td>54psig</td><td>268.8psig</td><td>50.4psig</td></tr> <tr> <td>XT-032</td><td>Pesotum</td><td>100psig</td><td>60psig</td><td>95psig</td><td>47.9psig</td></tr> <tr> <td>XT-039</td><td>Villa Grove</td><td>100psig</td><td>25psig</td><td>92.6psig</td><td>22.5psig</td></tr> <tr> <td>XT-03</td><td>Sidney</td><td>300psig</td><td>300psig</td><td>267psig</td><td>267psig</td></tr> <tr> <td>XT-037</td><td>Tolono</td><td>300psig</td><td>50psig</td><td>199.7psig</td><td>47.2psig</td></tr> <tr> <td>XT-016</td><td>Longview</td><td>300psig</td><td>63psig</td><td>265psig</td><td>34.3psig</td></tr> </tbody> </table> |  |                     | Station ID  | Location       | Inlet MAOP       | Outlet MAOP | Inlet Pressure | Outlet Pressures | XT-033 | Philo | 300psig | 44psig | 267psig | 39psig | XT-035 | Sidney | 300psig | 54psig | 268.8psig | 50.4psig | XT-032 | Pesotum | 100psig | 60psig | 95psig | 47.9psig | XT-039 | Villa Grove | 100psig | 25psig | 92.6psig | 22.5psig | XT-03 | Sidney | 300psig | 300psig | 267psig | 267psig | XT-037 | Tolono | 300psig | 50psig | 199.7psig | 47.2psig | XT-016 | Longview | 300psig | 63psig | 265psig | 34.3psig |
| Station ID   | Location   | Inlet MAOP          | Outlet MAOP | Inlet Pressure | Outlet Pressures |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| XT-033   | Philo  | 300psig             | 44psig      | 267psig        | 39psig           |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| XT-035   | Sidney   | 300psig             | 54psig      | 268.8psig      | 50.4psig         |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| XT-032   | Pesotum  | 100psig             | 60psig      | 95psig         | 47.9psig         |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| XT-039   | Villa Grove  | 100psig             | 25psig      | 92.6psig       | 22.5psig         |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| XT-03  | Sidney   | 300psig             | 300psig     | 267psig        | 267psig          |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| XT-037   | Tolono   | 300psig             | 50psig      | 199.7psig      | 47.2psig         |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| XT-016   | Longview   | 300psig             | 63psig      | 265psig        | 34.3psig         |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |
| [192.739(a)(4)]  | Was each pressure limiting station, relief device (except rupture discs), and pressure regulating station and its equipment subjected at intervals not   | <b>Satisfactory</b> |             |                |                  |             |                |                  |        |       |         |        |         |        |        |        |         |        |           |          |        |         |         |        |        |          |        |             |         |        |          |          |       |        |         |         |         |         |        |        |         |        |           |          |        |          |         |        |         |          |

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|  | exceeding 15 months, but at least once each calendar year, to inspections and tests to determine that it is properly installed and protected from dirt, liquids, or other conditions that might prevent proper operation.?   |                       |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
|--|--|-----------------------|----------|----------|----------|--------------------------------|----------|---------------------|---------|-------|----------|-----------------|----------|------------|----------|----------------|----------|-----------|----------|-------------|----------|-------------|
| [192.317(b)]   | Is each above ground transmission line or main protected from accidental damage by vehicular traffic or other similar causes?  | <b>Satisfactory</b>   |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| [192.741(a),192.741(c)]  | Were telemetering and/or recording gauges inspected for abnormally high or low pressure indications?   | <b>Satisfactory</b>   |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| [192.743(a)]   | Is overpressure protection provided on the pipeline down stream of the take point?   | <b>Not Checked</b>    |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| <b>General Comment:</b><br><i>Ameren has identified locations requiring additional protection and has devised a plan to add additional facilities.</i>   |  |                       |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| [192.199(d)]   | Were the pressure relief or pressure limiting devices inspected to determine if the support was made of noncombustible material?   | <b>Satisfactory</b>   |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| [192.199(e)]   | Were the pressure relief or pressure limiting devices inspected to determine if the discharge stacks, vents, or outlet ports were designed to prevent accumulation of water, ice, or snow, and located where gas can be discharged into the atmosphere without undue hazard? | <b>Satisfactory</b>   |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| [192.199(h)]   | Was each valve, designed to isolate the system under protection from its source of pressure, secured to prevent unauthorized operation of any stop valve that will make the pressure relief valve or pressure limiting device inoperative?                                   | <b>Satisfactory</b>   |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| <b>VALVE MAINTENANCE</b>   |  | <b>Status</b>         |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| [192.747(a)]   | Were the valves readily accessible and was the operator able to access the valve with the appropriate valve wrench?  | <b>Satisfactory</b>   |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| <b>General Comment:</b><br><i>Emergency Valves were inspected for accessibility at the following locations.</i>  |  |                       |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| <table border="1"> <thead> <tr> <th>Valve ID</th><th>Location</th></tr> </thead> <tbody> <tr> <td>T-02-003</td><td>800 N &amp; Central Avenue, Tolono</td></tr> <tr> <td>T-03-001</td><td>Cleveland St, Philo</td></tr> <tr> <td>T-03002</td><td>Philo</td></tr> <tr> <td>T-04-001</td><td>Main St, Sidney</td></tr> <tr> <td>XT-32-I1</td><td>Pesotum TB</td></tr> <tr> <td>XT-39-I1</td><td>Villa Grove TB</td></tr> <tr> <td>XT-03-I1</td><td>Sidney TB</td></tr> <tr> <td>XT-16-I1</td><td>Longview TB</td></tr> <tr> <td>XT-16-I2</td><td>Longview TB</td></tr> </tbody> </table> |  |                       | Valve ID | Location | T-02-003 | 800 N & Central Avenue, Tolono | T-03-001 | Cleveland St, Philo | T-03002 | Philo | T-04-001 | Main St, Sidney | XT-32-I1 | Pesotum TB | XT-39-I1 | Villa Grove TB | XT-03-I1 | Sidney TB | XT-16-I1 | Longview TB | XT-16-I2 | Longview TB |
| Valve ID   | Location   |                       |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| T-02-003   | 800 N & Central Avenue, Tolono   |                       |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| T-03-001   | Cleveland St, Philo  |                       |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| T-03002  | Philo  |                       |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| T-04-001   | Main St, Sidney  |                       |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| XT-32-I1   | Pesotum TB   |                       |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| XT-39-I1   | Villa Grove TB   |                       |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| XT-03-I1   | Sidney TB  |                       |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| XT-16-I1   | Longview TB  |                       |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| XT-16-I2   | Longview TB  |                       |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| [192.179(c)]   | If blow down activities were observed, were the blow down valves properly sized to allow the transmission pipeline to vent as rapidly as practicable and did the blow down vent freely to atmosphere away from any hazards?  | <b>Not Applicable</b> |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |
| <b>General Comment:</b><br><i>The Tuscola inspection unit does not contain transmission pipelines.</i>   |  |                       |          |          |          |                                |          |                     |         |       |          |                 |          |            |          |                |          |           |          |             |          |             |

# STANDARD INSPECTION REPORT OF A GAS OPERATOR FIELD AUDIT

## FIELD AUDIT

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| ODORIZATION OF GAS  |   | Status         |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
|---|---|----------------|------------|-------------|---------|--------------|-----------------------------|-----------|-------------|-------------------------|-----------|---------------|-------------------------|----------|----------------|---------------------------------|-----------|
| [192.625(a)]  | Was the odor intensity level readily detectable at or below 1/5th LEL?        | Satisfactory   |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| <b>General Comment:</b><br>Ameren obtained an odorant intensity reading of .50% gas-in-air on February 10, 2015 at Test Point #T-56 108 N. Sycamore Villa Grove, IL.  |   |                |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| [192.625(e)]  | Was the Odorization equipment and tank levels inspected?                      | Satisfactory   |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| <b>General Comment:</b><br>Staff checked odorant tank levels at the following locations during the field audit.<br><br><table style="width: 100%; border: none;"> <tr> <td style="width: 10%;">Station ID</td> <td>Location</td> </tr> <tr> <td>XT-032</td> <td>Pesotum</td> </tr> <tr> <td>XT-003</td> <td>Sidney</td> </tr> </table>  |   |                | Station ID | Location    | XT-032  | Pesotum      | XT-003                      | Sidney    |             |                         |           |               |                         |          |                |                                 |           |
| Station ID  | Location  |                |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| XT-032  | Pesotum   |                |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| XT-003  | Sidney  |                |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| [192.625(f)]  | Was the operator's equipment calibrated as required?                          | Satisfactory   |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| <b>General Comment:</b><br>Ameren utilized a Heath Odorator Serial # 1763 which was calibrated 12-12-2014.  |   |                |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| TRANSMISSION  |   | Status         |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| <b>Category Comment:</b><br>Staff conducted a field audit of the distribution system, the Tuscola inspection unit does not maintain transmission pipelines.   |   |                |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| [192.179(b)(1)]   | Are transmission valves protected from tampering or damage?                   | Not Applicable |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| [192.745(a)]  | Were the valves inspected accessible?   | Not Applicable |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| [192.719(a)]  | Is pre-tested transmission pipe inventory maintained for use in an emergency? | Not Applicable |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| MARKING OF MATERIAL   |   | Status         |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| [192.63(a)]   | Does the operator's components and pipe contain the required markings?        | Satisfactory   |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| <b>General Comment:</b><br>All components inspected during the field audit contained the required markings to indicate the size, manufacturer, pressure rating and model of equipment.  |   |                |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| OPERATOR QUALIFICATION  |   | Status         |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| Was a PHMSA Form 15 Operator Qualification Field Inspection Protocol Form completed?  |   | No             |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| <b>General Comment:</b><br>Staff did not complete PHMSA Form 15 during the field audit. Staff inspected various facilities to determine compliance with operations and maintenance activities. Staff did obtain record of qualification for the following field employees during the audit.   |   |                |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 20%;">Name</th> <th style="width: 40%;">Employee ID</th> <th style="width: 40%;">OQ Date</th> </tr> </thead> <tbody> <tr> <td>John Rairden</td> <td>#38413 (Gas Regulator Tech)</td> <td>8-27-2014</td> </tr> <tr> <td>Mary Harris</td> <td>#37737 (Gas Journeymen)</td> <td>3-28-2013</td> </tr> <tr> <td>Jeff Rodmaker</td> <td>#38485 (Gas Journeymen)</td> <td>4-2-2012</td> </tr> <tr> <td>Christi Arthur</td> <td>#57065 (Corrosion Control Tech)</td> <td>4-15-2014</td> </tr> </tbody> </table> |   |                | Name       | Employee ID | OQ Date | John Rairden | #38413 (Gas Regulator Tech) | 8-27-2014 | Mary Harris | #37737 (Gas Journeymen) | 3-28-2013 | Jeff Rodmaker | #38485 (Gas Journeymen) | 4-2-2012 | Christi Arthur | #57065 (Corrosion Control Tech) | 4-15-2014 |
| Name  | Employee ID   | OQ Date        |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| John Rairden  | #38413 (Gas Regulator Tech)   | 8-27-2014      |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| Mary Harris   | #37737 (Gas Journeymen)   | 3-28-2013      |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
| Jeff Rodmaker   | #38485 (Gas Journeymen)   | 4-2-2012       |            |             |         |              |                             |           |             |                         |           |               |                         |          |                |                                 |           |
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